

UNITED STATES GOVERNMENT
FILE
memorandum

DATE: April 18, 1994

REPLY TO
ATTN OF: Red Wolf Coordinator, FWS, Asheville, NC

SUBJECT: Monthly activity report - March 1994

TO: Regional Director, FWS, Atlanta, GA (ES/TE)
Attention: Mr. Dave Flemming

Following are my accomplishments and other items of interest for the month of March.

Alligator River National Wildlife Refuge (ARNWR) Reintroduction - Mike Phillips and I met with the Hyde County Board of Commissioners at their March 7, 1994, meeting. They again expressed their opposition to the red wolf reintroduction and requested that we remove red wolves from private lands in the county. I prepared and sent a detailed response regarding their concerns. I sent a letter to the National Fish and Wildlife Foundation requesting reimbursement of \$20 from the red wolf fund for a rooster killed by a red wolf.

Southern Appalachians Reintroduction, Great Smoky Mountains National Park (GSMNP) - Project and Park personnel met on March 10, 1994, to discuss and decide upon several depredation claims from the livestock owner using Cades Cove. Following the meeting I prepared and sent a letter to the Great Smoky Mountains Natural History Association authorizing payment of \$967 from the red wolf indemnity account for the loss of three calves.

Captive-breeding Project - I sent a letter to the Wild Canid Survival and Research Center authorizing them to retain a red wolf pelt for educational purposes. I prepared and sent a memo to the Regional Office that made recommendations concerning the congressional appropriation to the "Wilds" project in Ohio.

General - I sent two different draft versions of the final rule revisions to Sean Skaggs in the Regional Solicitor's Office for his review and comment regarding the language. I distributed comments on the first draft of a proposed coyote/red wolf interaction policy to project personnel for their review and additional comments. I reviewed a manuscript regarding the red wolf project and provided comments to the author (Roland Smith). I sent a letter to the Tennessee Wildlife Resources Agency authorizing them to use two red wolf specimens for educational purposes and solicited suitable specimens for this purpose from project personnel. I completed a bibliography on the red wolf and forwarded it to the Regional Office for printing as Red Wolf Management Series Technical Report Number 9. I distributed input received from molecular biologists and other participants at the May 28, 1993, Canine Conservation/Molecular Genetics Workshop held at the Savannah River

Ecology Laboratory to project personnel for their information. Unfortunately, I received only two responses; therefore, a proposed summary for submittal to Conservation Biology as a "Note" in that journal is not practical. Project personnel conducted an inventory of telemetry equipment; this information was provided to the Regional Office in response to a memo on VHF Narrowband Transition. In response to a request for information regarding career opportunities in conservation work with wolves, I sent a letter and enclosed pertinent information. The Regional Office sent a supply of Red Wolf Recovery Plans to me as a result of their recent move; these were distributed to project personnel for their use in fulfilling requests. I answered a minimum of seven information requests this month, including one for slides. The remaining six were requests for printed material ranging from 1 to 23 documents.

Following is an update of current locations and numbers of animals. This update is now complete following relocations for the current breeding season. All animals born in 1993 are now included in the adults and yearlings column.

A. Wild Population

1. GSMNP - The yearling female that left the Park in November was finally recaptured and placed back in captivity. This leaves 4 animals in the wild--3 adults (2 males, 1 female) and 1 female pup.
2. ARNWR - Two males (one adult and one yearling) whose radios had malfunctioned (one collar and one abdominal transmitter) were captured and new collars were placed on the animals. The yearling was placed in captivity. An adult pair was returned to captivity permanently because they were involved in a second problem incident. Another adult pair was released from captivity. This report also corrects an error in recording one female as a male in last month's report. These changes result in a population of 44 to 54 animals (24 to 26 males, 20 to 25 females, 0 to 3 unknown).

B. Island Propagation

1. Horn Island, Gulf Islands National Seashore, Mississippi - Successful negotiations were conducted to release a pair of wolves from the GSMNP onto the island in April. These animals have wild experience and are prime candidates for future reintroduction releases. The island will provide the opportunity for them to maintain this wildness. It also frees up pen space in the GSMNP.

C. Captive Propagation - See the attached table for current populations and sex ratios. The relocations were made over the last few months.

1. Graham, Washington, Facility - Four females were transferred to the Point Defiance Zoo, and one female was transferred to the

Tallahassee Junior Museum. One female died in January but was not reported in previous monthly reports. Five females were received (two each from the Point Defiance Zoo and the Woodlands Nature Center at Land Between The Lakes and one from the Wilds). One male was received from the Pittsburgh Zoo.

2. Sandy Ridge, ARNWR - The changes noted above result in a population of 14 wolves (6 males, 8 females).
3. GSMNP - The yearling female returned to captivity brings the population to 10 (6 males, 4 females).
4. Point Defiance Zoo - In addition to the animals exchanged with Graham, one male was received from the Knoxville Zoo. Total population is 9 wolves (6 males, 3 females).
5. Audubon Zoo, Louisiana - Two males and two females were received from the Fossil Rim Wildlife Center, resulting in a population of 6 wolves (3 males, 3 females).
6. Fort Worth Zoo, Texas - This is a new facility that received a pair of wolves.
7. Fossil Rim Wildlife Center, Glen Rose, Texas - Four wolves (2 males, 2 females) were transferred to the Audubon Zoo, and 1 male was received from the National Zoo. Total population is 7 (3 males, 4 females).
8. Knoxville Zoo, Tennessee - One male was transferred to the Point Defiance Zoo, and one female was transferred to the Woodlands Nature Center at Land Between The Lakes. This leaves 4 wolves (3 males, 1 female).
9. Lowry Park Zoo, Tampa, Florida - A female was transferred to the Fort Worth Zoo, leaving 3 wolves (2 males, 1 female).
10. National Zoo, Washington, DC - One male was transferred to the Fossil Rim Wildlife Center, leaving 5 wolves (1 male, 4 females).
11. North Carolina Life and Science Museum, Durham, North Carolina - Three males and three females were transferred to the Wild Canid Survival and Research Center. A seventh animal (female) died in transit to the same facility. This leaves 1 male wolf. The transfer and death occurred in February but was not reported in the February report.
12. Oglebay Zoo, Wheeling, West Virginia - All four females previously present were transferred to the Wilds, and one adult pair was, in turn, received from the Wilds as a breeding pair.

13. Pittsburgh Zoo, Pennsylvania - One male was transferred to Graham, leaving 6 wolves (3 males, 3 females).
14. Roger Williams Zoo, Providence, Rhode Island - One male was transferred to the Fort Worth Zoo, leaving 2 females.
15. Tallahassee Junior Museum, Florida - A female was received from Graham, making a total of 3 wolves (1 male, 2 females).
16. Wilds, Columbus, Ohio - After the exchange of animals with Oglebay Zoo and the transfer of 1 female to Graham, the population totals 13 wolves (6 males, 7 females), including the female reported last month as transferred from Sandy Ridge at ARNWR.
17. Wild Canid Survival and Research Center, Eureka, Missouri - The adult pair previously present was transferred to the GSMNP in February. A total of 9 animals were shipped to the facility (6 males, 3 females). Six animals (3 males, 3 females) were shipped from the North Carolina Life and Science Museum, and 3 males were shipped from the Woodlands Nature Center at Land Between The Lakes.
18. Woodlands Nature Center, Land Between The Lakes, Golden Pond, Kentucky - The 5 animals previously present were transferred to other facilities (3 males to the Wild Canid Survival and Research Center, 2 females to Graham). A male was received from the Trevor Zoo and a female was received from the Knoxville Zoo to complete a breeding pair.

V. Gary Henry

Attachment

cc:

Mr. Jerry Eubanks, Superintendent, Gulf Islands National Seashore, Gulf Breeze, FL
 Regional Director, FWS, Atlanta, GA (RD)
 Regional Director, FWS, Atlanta, GA (APA)
 Mr. Will Waddell, Point Defiance Zoo and Aquarium, Tacoma, WA
 Refuge Manager, Alligator River NWR, FWS, Manteo, NC
 Refuge Manager, Cape Romain NWR, FWS, Awendaw, SC
 Refuge Manager, St. Vincent NWR, FWS, Apalachicola, FL
 Mr. Tom Bennett, Senior Resident Agent, Law Enforcement, FWS, Raleigh, NC
 Mr. Mike Elkins, Special Agent, Law Enforcement, FWS, Nashville, TN
 Mr. Jack Baker, Special Agent, Law Enforcement, FWS, Washington, NC
 Mr. Chris Lucash, FWS, c/o Cades Cove Ranger Station, Townsend, TN
 Endangered Species Coordinators, Southeast Region
 Field Supervisors, All Ecological Services Field Offices, Southeast Region

LOCATION	ADULTS AND YEARLINGS				PUPS				TOTAL			
	Males	Females	Unknown	Total	Males	Females	Unknown	Total	Males	Females	Unknown	Total
A. WILD POPULATIONS:												
1. Alligator River National Wildlife Refuge (NWR)	24-26	20-25	0-3	44-54	---	---	---	---	24-26	20-25	0-3	44-54
2. Great Smoky Mountains National Park (NP)	2	2	---	4	---	---	---	---	2	2	---	4
SUBTOTAL	26-28	22-27	0-3	48-58	---	---	---	---	26-28	22-27	0-3	48-58
B. ISLAND PROPAGATION PROJECTS:												
1. Bulls Island, Cape Romain NWR, SC	3	2	---	5	---	---	---	---	3	2	---	5
2. St. Vincent NWR, FL	1	1	---	2	---	---	---	---	1	1	---	2
SUBTOTAL	4	3	---	7	---	---	---	---	4	3	---	7
C. CAPTIVE PROPAGATION FACILITIES:												
1. Graham, WA	22	27	---	49	---	---	---	---	22	27	---	49
2. Sandy Ridge, Alligator River NWR, NC	6	8	---	14	---	---	---	---	6	8	---	14
3. Great Smoky Mountains NP	6	4	---	10	---	---	---	---	6	4	---	10
4. Point Defiance Zoo, Tacoma, WA	4	5	---	9	---	---	---	---	4	5	---	9
5. Alexandria Zoo, LA	1	1	---	2	---	---	---	---	1	1	---	2
6. Audubon ^{Park} Zoo, New Orleans, LA	3	3	---	6	---	---	---	---	3	3	---	6
7. Beardsley Zoo, Bridgeport, CT	1	1	---	2	---	---	---	---	1	1	---	2
8. Burnet Park Zoo, Syracuse, NY	1	1	---	2	---	---	---	---	1	1	---	2
9. Chaffee Zoo, Fresno, CA	2	1	---	3	---	---	---	---	2	1	---	3
✓ 10. Fort Worth Zoo, TX	1	1	---	2	---	---	---	---	1	1	---	2
11. Fossil Rim Wildlife Center, Glen Rose, TX	3	4	---	7	---	---	---	---	3	4	---	7
12. Great Plains Zoo, Sioux Falls, SD	1	1	---	2	---	---	---	---	1	1	---	2
13. Greater Baton Rouge Zoo, Baker, LA	1	2	---	3	---	---	---	---	1	2	---	3

LOCATION	ADULTS AND YEARLINGS				PUPS				TOTAL			
	Males	Females	Unknown	Total	Males	Females	Unknown	Total	Males	Females	Unknown	Total
14. Henson Robinson Zoo, Springfield, IL	1	1	---	2	---	---	---	---	1	1	---	2
15. Knoxville Zoo, TN	3	1	---	4	---	---	---	---	3	1	---	4
16. Los Angeles Zoo, CA	1	1	---	2	---	---	---	---	1	1	---	2
17. Lowry Park Zoo, Tampa, FL	2	1	---	3	---	---	---	---	2	1	---	3
✓ 18. Miller Park Zoo, Bloomington, IL	1	1	---	2	---	---	---	---	1	1	---	2
19. Mill Mountain Zoo, Roanoke, VA	1	1	---	2	---	---	---	---	1	1	---	2
20. National Zoo, Washington, DC	1	4	---	5	---	---	---	---	1	4	---	5
21. North Carolina Life and Science Museum, Durham, NC	1	---	---	1	---	---	---	---	1	---	---	1
22. Oglebay Zoo, Wheeling, WV	1	1	---	2	---	---	---	---	1	1	---	2
23. Pittsburgh Zoo, PA	3	3	---	6	---	---	---	---	3	3	---	6
24. Roger Williams Zoo, Providence, RI	---	2	---	2	---	---	---	---	---	2	---	2
25. Ross Park Zoo, Binghamton, NY	1	1	---	2	---	---	---	---	1	1	---	2
26. Tallahassee Jr. Museum, FL	1	2	---	3	---	---	---	---	1	2	---	3
27. Texas Zoo, Victoria, TX	1	1	---	2	---	---	---	---	1	1	---	2
28. Trevor Zoo, Millbrook, NY	1	3	---	4	---	---	---	---	1	3	---	4
29. Western North Carolina Nature Center, Asheville, NC	1	1	---	2	---	---	---	---	1	1	---	2
30. Wilds, Columbus, OH	6	7	---	13	---	---	---	---	6	7	---	13
31. Wild Canid Survival and Research Center, Eureka, MO	6	3	---	9	---	---	---	---	6	3	---	9
32. Woodlands Nature Center, Land Between the Lakes, Golden Pond, KY	1	1	---	2	---	---	---	---	1	1	---	2
SUBTOTAL	85	94	---	179	---	---	---	---	85	94	---	179
TOTAL	115-117	119-124	0-3	234-244	---	---	---	---	115-117	119-124	0-3	234-244